

ABSTRACT OF THE DISCLOSURE

The present invention integrates a cable or DSL modem unit and a wireless AP into a one unified unit. It enables home WLAN users to connect to the Internet more easily and conveniently by getting rid of unnecessary wiring between modem unit and AP. It also improves data fidelity by reducing data loss which may occur during data travel to and from modem unit and AP. By combining two separate units into one unit, the present invention contributes to reduce manufacturing cost by eliminating overlapping components and separate enclosure.